iMERMAID

Safeguarding the Mediterranean Sea basin from contaminants of emerging concerns

The challenges

Coastal areas face higher risk of toxic chemical contamination due to anthropogenic stress from demographic growth, particularly in the Mediterranean Sea basin with densely inhabited coasts and limited water exchange. Europe's chemical production contributes significantly to the issue, with 16.9% of global sales in 2018.

Urbanization, industrialization, and linear resource consumption drive reliance on chemicals. Over 100,000 anthropogenic chemicals are in the EU market, many uninvestigated for their effects on ecosystems, despite toxicity, persistence, and bioaccumulation potential. Contaminants originate from various sources and reach oceans via watercourses and air.

How iMERMAID will intervene

iMERMAID Project intends to support the EU's mission to restore, protect, and preserve the health of our oceans, seas, and waters through:

- **Creating** innovative, and replicable solutions against chemical pollution in the Mediterranean Sea.
- **Training** young minds through a dynamic capacity building programme nurturing the next generation of water conservation champions.
- **Distributing** a total of 800K EUR to third parties across associated regions for technology testing and targeted actions for water conservation.
- **Implementing** five pilot use cases in the Mediterranean Sea basin, ensuring ongoing solutions to tackle chemical pollution right from its origin to its end point.
- **Developing** policy recommendations for pollution prevention and reduction.
- **Establishing** a one-stop shop marketplace connecting clients with available blue solutions and services.
- **Launching** the iMERMAID Cluster as an integral component of the Mediterranean Sea basin lighthouse support facility.

800 000 EUR for extended demonstration

2 Open Calls: one for associated regions of the Mediterranean and another one for regions in new sea basins and countries.

Max funding per project: **100,000 EUR**

Call opens in **June 2024** and **January 2025**.

Actions to be funded:

- Activities to remove contaminants.
- Pollutants monitoring.
- Remediation activities for specific pollutants.
- Definition of regional pollutants and required actions for remediation.
- Dissemination and Communication of activities and results.
- Roadmaps, plans and projects to prevent, eliminate, and remediate pollution from chemicals

5 Use Cases



USE CASE 1
San Esteban de Litera, Spain

USE CASE 2
Kalaat Al Andalouss, Tunisia

USE CASE 3
Turin, Italy

USE CASE 4
Limassol, Cyprus

USE CASE 5
Crete, Greece

About iMERMAID

START DATE:
01 June 2023

DURATION
36 months

BUDGET
7 893 477,38 €

PROJECT COORDINATOR
ITCL Technology Centre

Funded by the European Union

This project has received funding from the European Union's HORIZON 2022 MISSION OCEAN under grant agreement 101112824.

Contact us

IMERMAID EU

@imermaid_eu

www.imermaid.eu